

Notice of Allowability

Application No.

10/518,117

Examiner

Harshad C. Patel

Applicant(s)

MACHIDA ET AL.

Art Unit

2839

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 5/18/05.
2. ☒ The allowed claim(s) is/are 1 - 3.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date 12/14/2004
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

DETAILED ACTION

Allowable Subject Matter

1. Claims 1 - 3 are allowed.

Reasons for Allowances

2. The following is an examiner's statement of reasons for allowance:

Regarding claims 1 and 3 the applicant's invention of a male type rod-like connecting terminal an electrical connector comprising a rod-like terminal connecting portion provided at front end of the connecting terminal, said rod-like terminal connecting portion being connected to a corresponding female type connecting terminal of the electrical connector, and a wire clamping portion provided at a rear end of the connecting terminal, said wire clamping portion an electric wire being be connected, said rod-like connecting terminal being formed by bending and folding an electrically conductive metal plate, characterized in that said terminal connecting portion is consisting of a rod-like member having a substantially square cross section, said rod-like member being formed by bending upwardly both lateral sides of strip portion of the electrically conductive metal plate form raised portions, folding inwardly both upper ends of the raised portions and folding upwardly both the raised portions such that four layers of the -metal plate are stacked in a lateral direction and the raised portions are closely contacted with each other without producing any space within the terminal connecting portion.

The prior art of Fukuda et al. (US 6,077,131) discloses, a male type rod-like connecting terminal an electrical connector comprising a rod-like terminal connecting

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portion provided at front end of the connecting terminal, said rod-like terminal connecting portion being connected to a corresponding female type connecting terminal of the electrical connector, and a wire clamping portion provided at a rear end of the connecting terminal, said wire clamping portion an electric wire being be connected, said rod-like connecting terminal being formed by bending and folding an electrically conductive metal plate, characterized in that said terminal connecting portion is consisting of a rod-like member having a substantially square cross section, said rod-like member being formed by bending upwardly both lateral sides of strip portion of the electrically conductive metal plate form raised portions, folding inwardly both upper ends of the raised portions and folding upwardly both the raised portions such that four layers of the metal plate are stacked in a lateral direction.

However the prior art of record of Fukuda et al., does not discloses the folded portion of the upper raised portions are closely contacted with each other without producing any space within the terminal connecting portion.

Claim 2 depends from claim 1.

Conclusion

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Harshad C. Patel whose telephone number is 571 272 8289. The examiner can normally be reached on M - F ; 8.00 AM TO 5.00 PM.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, T. C. Patel can be reached on 571 272 2098. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866 -217-9197 (toll-free).

Examiner
HCP
3/29/06


TULSIDAS C. PATEL
SUPERVISORY PATENT EXAMINER